

FIG. 1

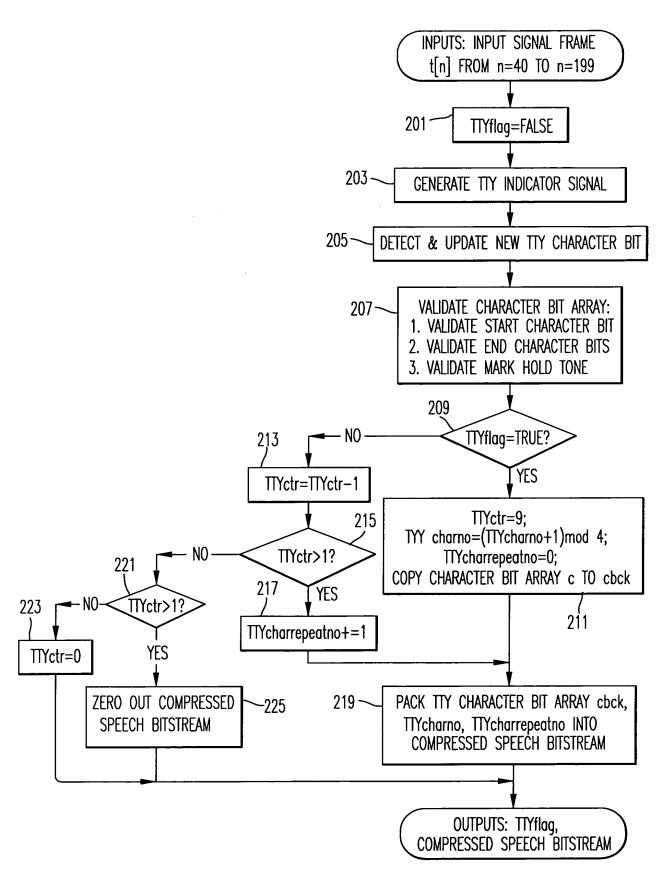


FIG. 2

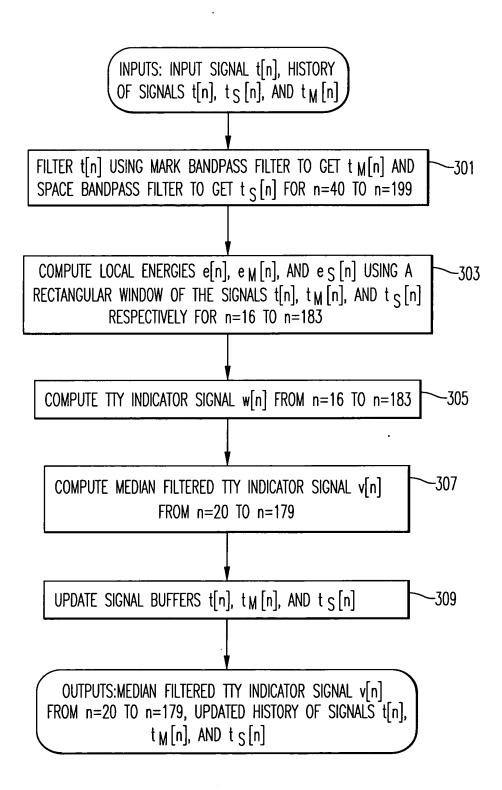
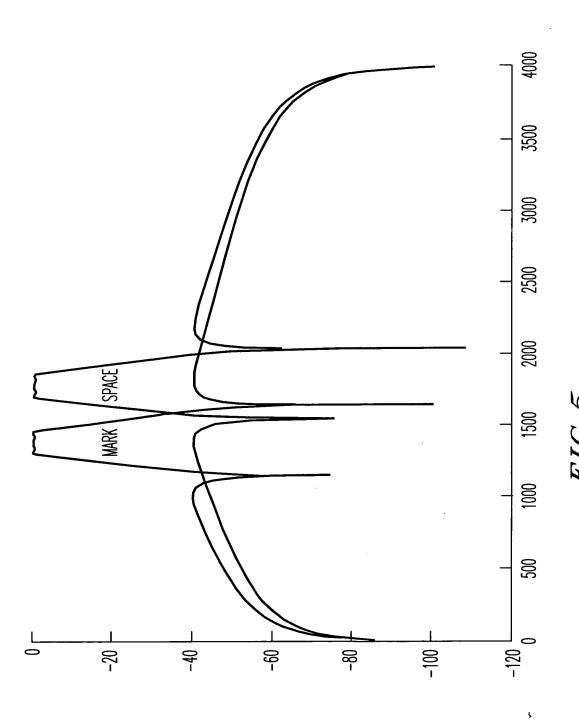
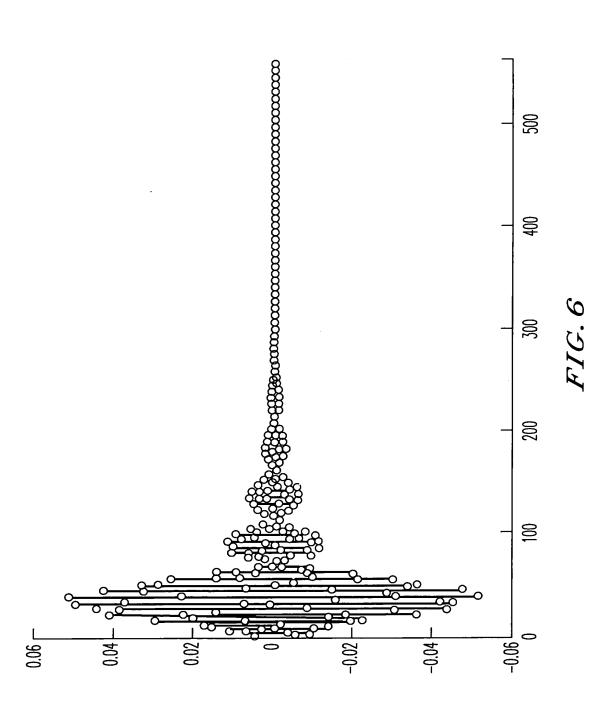


FIG.3





<u>^</u>,

4IG. 7

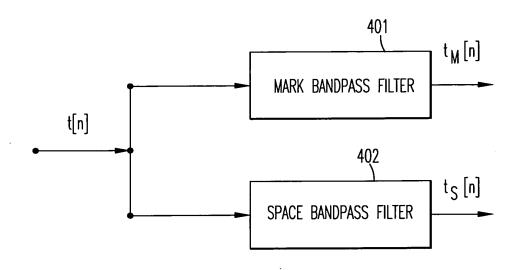


FIG. 4

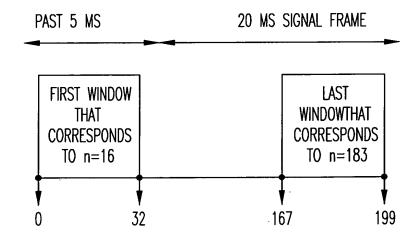
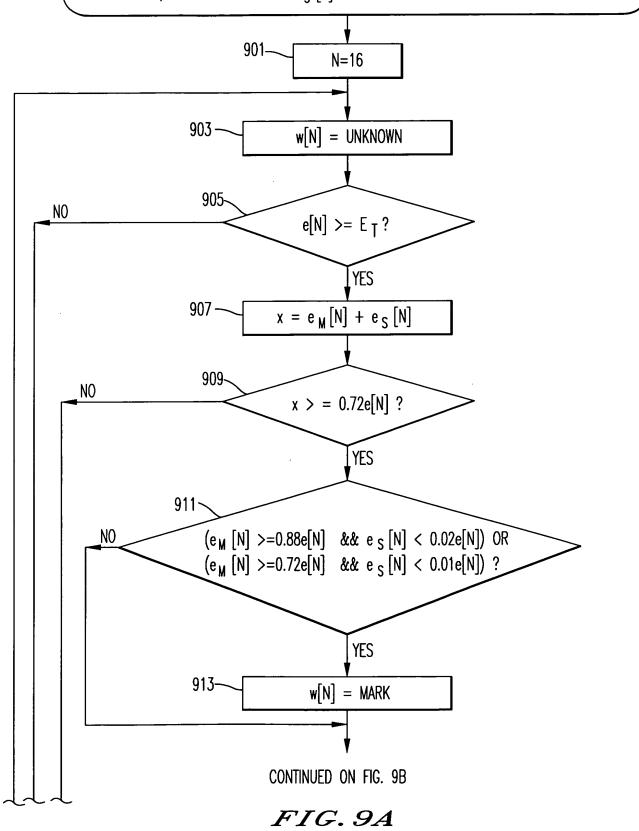


FIG.8

INPUTS: LOCAL ENERGY e[n] OF INPUT SIGNAL, LOCAL ENERGY  $e_M[n]$  OF MARK FILTER OUTPUT, AND LOCAL ENERGY  $e_S[n]$  OF SPACE FILTER OUTPUT FROM n=16 TO n=183



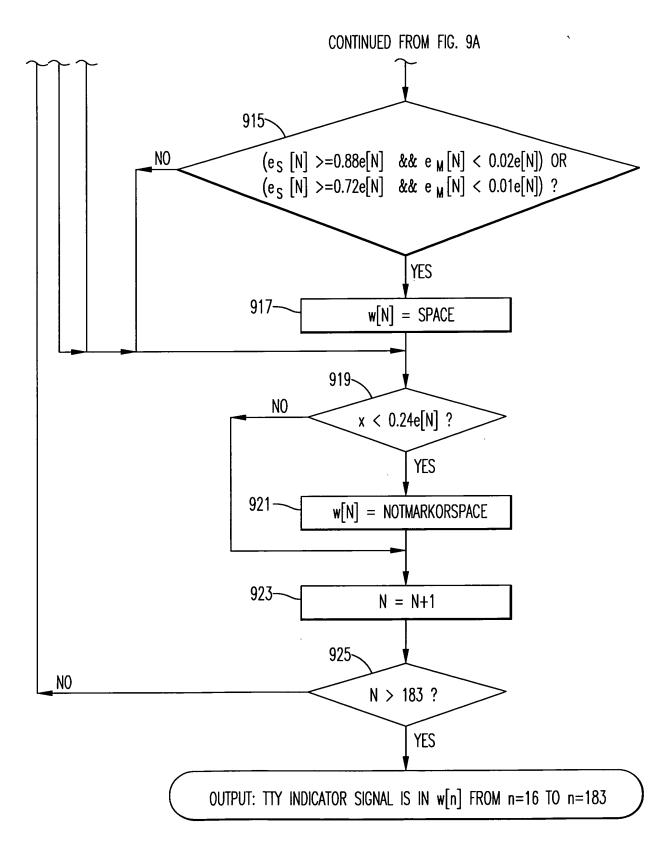
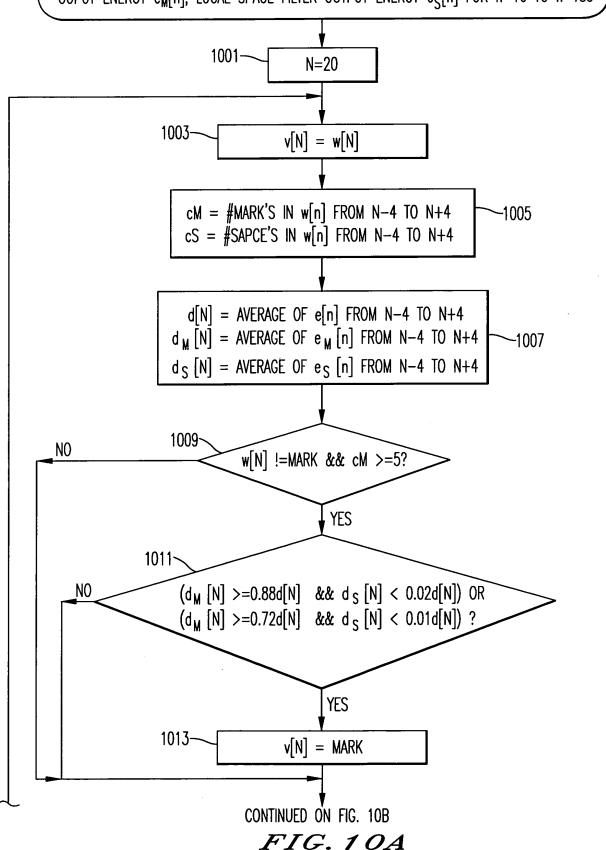


FIG. 9B

INPUTS: TTY INDICATOR SIGNAL w[n], LOCAL SIGNAL ENERGY e[n], LOCAL MARK FILTER OUPUT ENERGY e[n], LOCAL SPACE FILTER OUTPUT ENERGY e[n] FOR n=16 TO n=183



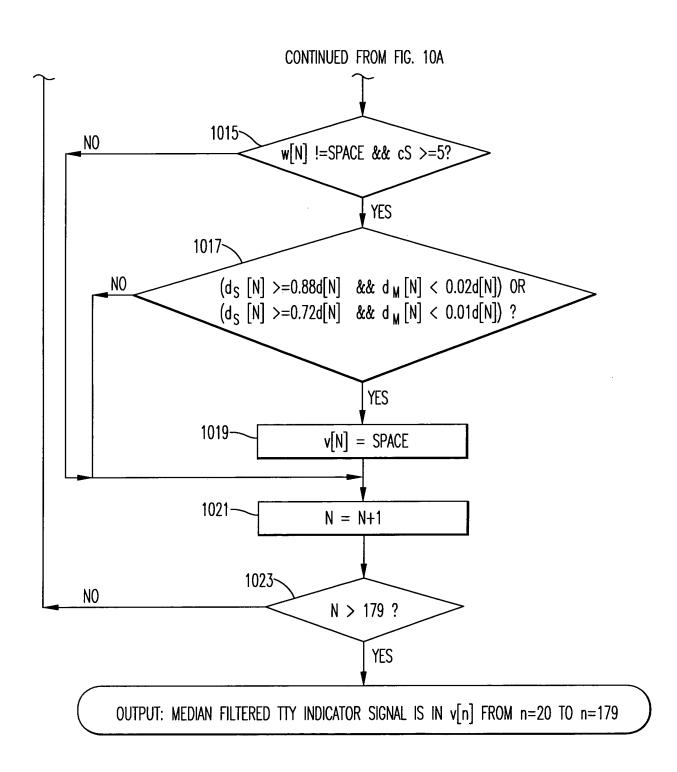
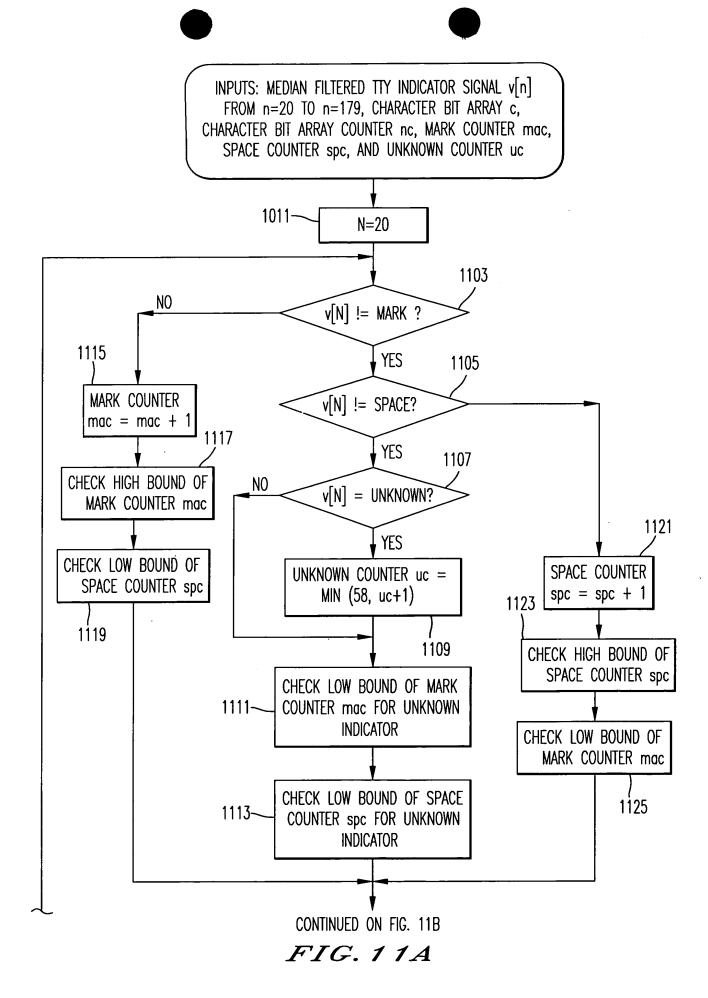
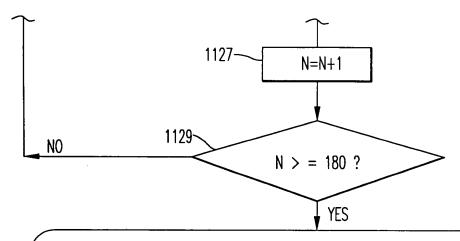


FIG. 10B



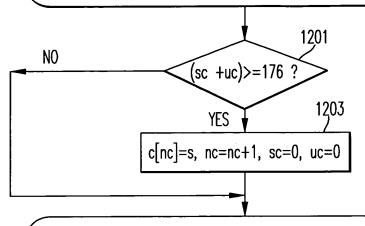
## CONTINUED ON FIG. 11A



OUTPUTS: CHARACTER BIT ARRAY c, CHARACTER BIT ARRAY COUNTER nc, MARK COUNTER mac, SPACE COUNTER spc, UNKNOWN COUNTER uc

FIG. 11B

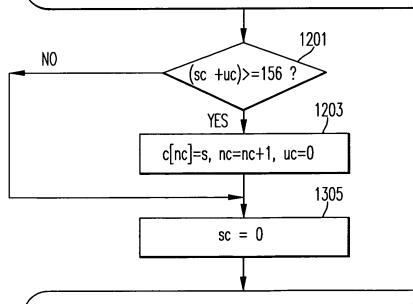
INPUTS: CHARACTER BIT ARRAY c, CHARACTER BIT ARRAY POINTER nc, SIGNAL COUNTER sc, SIGNAL TYPE s (MARK OR SPACE), UNKNOWN COUNTER uc



OUTPUTS: CHARACTER BIT ARRAY c, CHARACTER BIT ARRAY POINTER nc, SIGNAL COUNTER sc, UNKNOWN COUNTER uc

## FIG. 12

INPUTS: CHARACTER BIT ARRAY c, CHARACTER BIT ARRAY POINTER nc, SIGNAL COUNTER sc, SIGNAL TYPE s (MARK OR SPACE), UNKNOWN COUNTER uc



OUTPUTS: CHARACTER BIT ARRAY c, CHARACTER BIT ARRAY POINTER nc, SIGNAL COUNTER sc, UNKNOWN COUNTER uc

FIG. 13

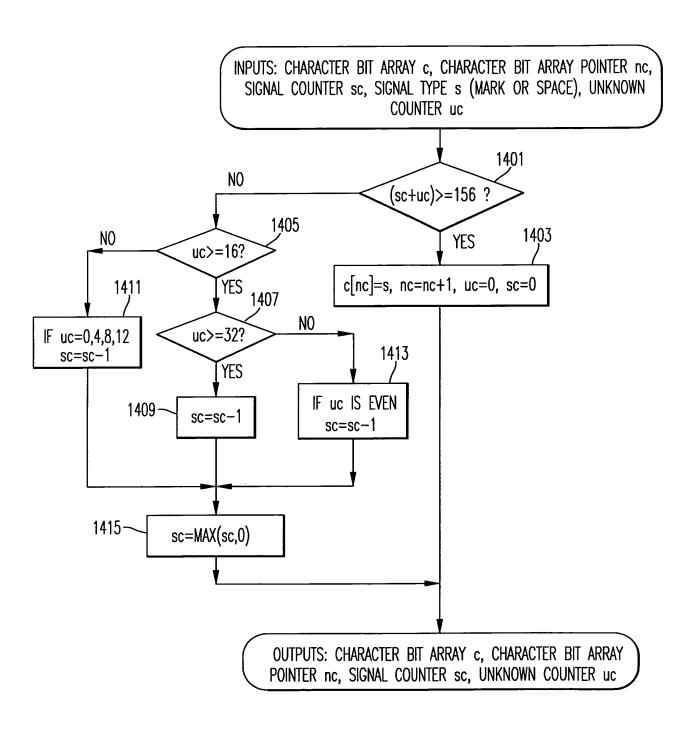


FIG. 14

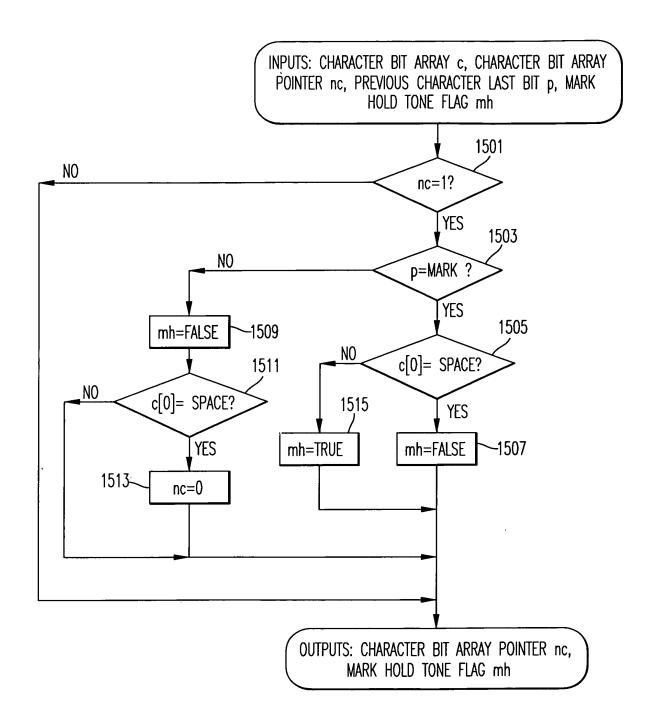
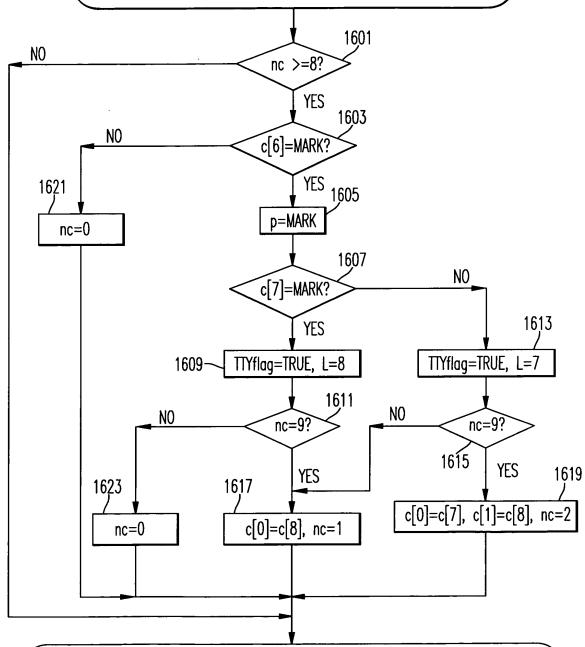


FIG. 15

INPUTS: CHARACTER BIT ARRAY c, CHARACTER BIT ARRAY POINTER nc, LAST BIT OF PREVIOUS CHARACTER p, TTY CHARACTER FLAG TTYflag



OUTPUTS: CHARACTER BIT ARRAY c, CHARACTER BIT ARRAY POINTER nc, LAST BIT OF PREVIOUS CHARACTER p, TTY CHARACTER FLAG TTYFlog, TTY CHARACTER BIT LENGTH L

FIG. 16

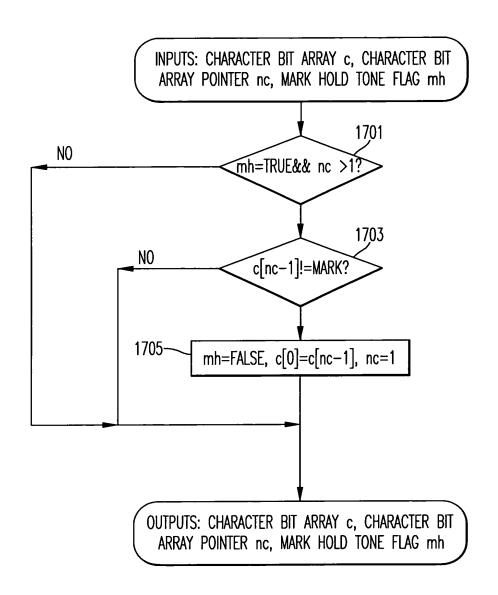


FIG. 17

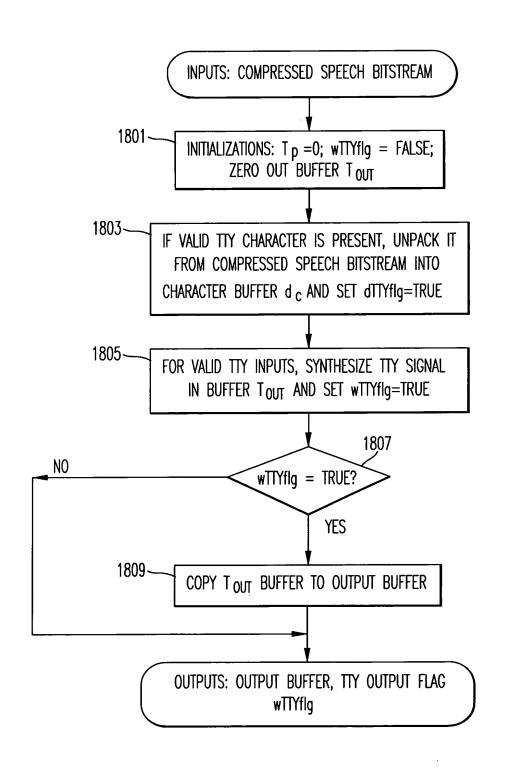
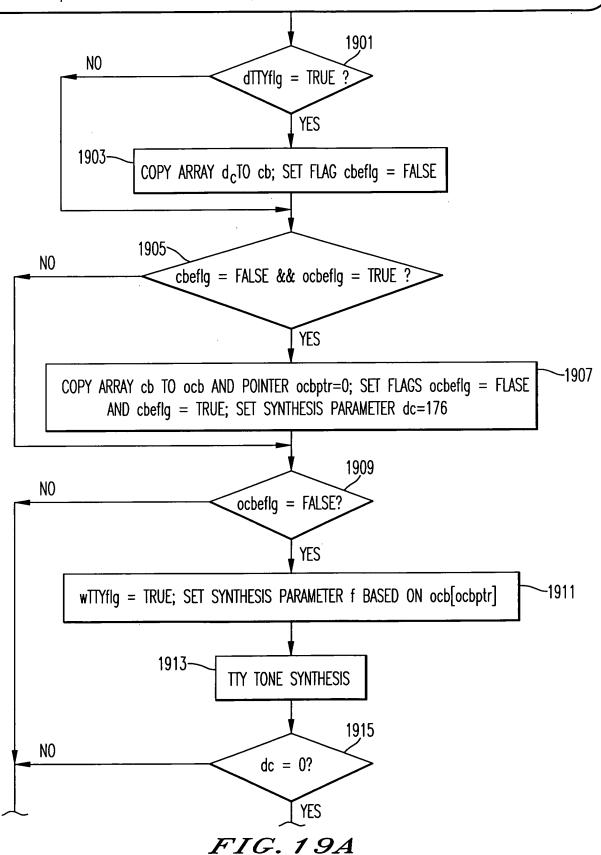


FIG. 18

INPUTS: CHARACTER BIT ARRYS d<sub>c</sub>, cb, ocb and ocb Pointer ocbptr; Synthesis Buffer T<sub>out</sub> and its Pointer Tp; Synthesis Parameters dc, ph, F; Control Flags dttyfig, cbefig, ocbefig, wttyfig



`.;

CONTINUED FROM FIG. 19A

FIG. 19B

ocbptr; SYNTHESIS BUFFER T  $_{out}$  and its pointer T  $_{p}$ ; synthesis parameters dc, ph; control flags cbeflg, ocbeflg, wttyflg

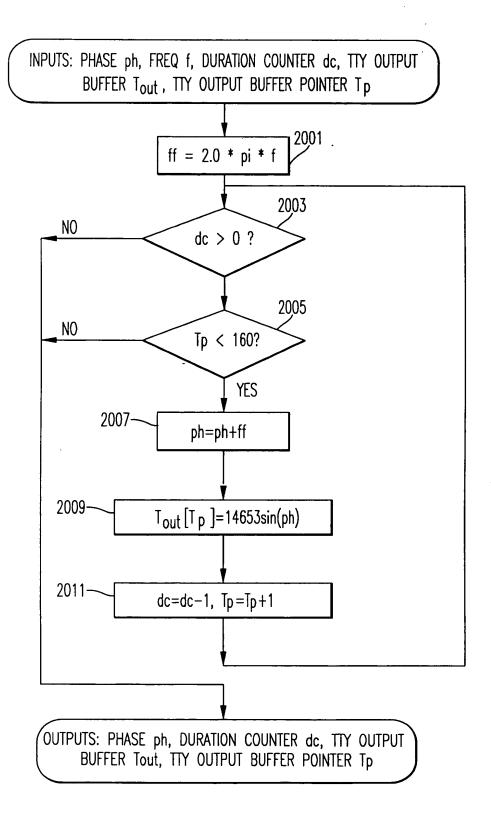


FIG. 20

